# Richmond Automobile News

## SIMPLIFIED LESSONS IN PROPER CARE OF AUTOS

Lubrication System and Its Proper Upkeep of Great Importance to Automobilists.

CLOSE WATCH IS NECESSARY

No Danger Signals Given When System Fails, and Motorist Must Depend Upon Results of Careful At-

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tention-Ouestions and Answers.

No portion of the engine is more im-portant than the lubrication system, though the engine will run for a short while even though the lubrication sys-tem has failed. The very fact, however, the engine will so run, and thus show that the system is not work-properly, coupled with the fact that then the engine runs without lubrication some parts of it, as the bearings, ill be burned out, or the sylinders second scored, means that it must re-

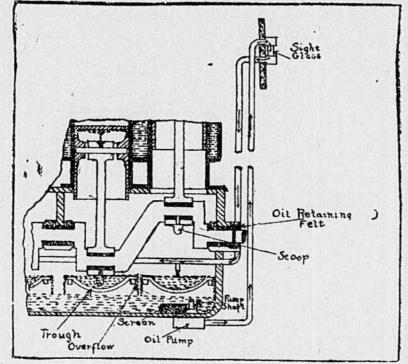
Loss of power, missing, engine stopping or failing to start, will be a signal to you that something is wrong with the ignition or carbureter system. or that there is loss of compression; out there is no such signal, except when the harm has already been done.

over again, and eventually it will be-come so dirty and thin as to be useless as a lubricant, and must be thrown

It pays to buy a good grade of all Economy in this respect will prove a fallse economy. A such higher grade of oil is necessary for the gas engine than for the steam engine, and almost gny kind of machine, because the gas engine is subjected to greater heat, and a poor oil will 'crack' and decompose into carbon. This carbon will not only get on the piston head and valve heads, but it will get into the piston rings and prevent them from functionating proper prevent them from functionating prop-

As to the thickness of the oil to use, no definite instruction can be given here, as there are many features of the design of the engine which will determine weather a heavy, medium or light oil should be used. In this respect you can be guided by your instruction book, or by a pamphlet which you can get

### Lubrication Troubles



The state of the property of t



# "Mud Pulls" Pull You Out

If you carry a pair of "Mud Pulls" to lbz.) in your automobile you can get out of the vorst mud hole on your own price. \$4.00 a pair. Smith clouringy Co. Richmond, are general distributors, and Talman Auto Supply (o. 2.) East Main, are local agents.—Adv.

when the harm has already been done, to tell you that the lubrication or the sooling systems are not functioning aronerly. You must know that the latter two are operating, and the only any to know its by watching them.

The illustration shows the course of the oil in what is known as the constant level splash system, a system used more than any other. Other systems may vary from this by having an arrangement of the piping so as to have a hellow crank shaft, through which the oil flows from the main bearings to the coll flow strand shaft, through which the oil flows from the main bearings to the connecting rod bearings. The course of the oil up to the bearings, however, is a tell you are using a rule, a lighter oil you are using. As a rule, a lighter oil should be using the using th





# Republic Motor Trucks

The "Republic Special" 34 Ton Chassis \$995 F. O. B. Factory

34 Ton Open Express....\$ 895 1 1/2 -Ton Chassis . . . . . . . 2-Ton Chassis . . . . . . . . . . . . . \$1975

3 1/2 -Ton Chassis . . . . . . . . . . \$2950 F. O. B. Alma, Mich. In Richmond stock for immediate delivery. Phone Madison

1361. H. D. King Motor Corp. 820 W. Broad St., Richmond, Va.

## SANCTIONED DEMONSTRATION | UNUSUAL OPPORTUNITIES

Unusual Performance of Stock Cat Proves Its Dependability and

Operating Economy. Having successfully completed the

The A. A. A. reports cover the character of the leads in detail.

The truck finished its drive with a perfect score for durability and operating economy. The report shows that minor adjustments were made on the carburetor and on the gaseline feed line. One set of puncture-proof tires constituted the entire tire equipment needed. This is significant of the weight distribution in Maxwell construction, and means much to the truck user who has become informed of the importance of this factor in carbuilding.

That any average driver could duplicate the performance with any steel.

## SHOWS VALUE OF THIS TRUCK IN THE MOTOR TRUCK FIELD

Manufacturing Plants Adding Many Additions to Provide Transpor-tation Facilities.

It is the time and the opportunity first sanctioned demonstration of dura- for the motor truck. William Fulton bility, mechanical dependability and Melhuish, president of the Fulton operating economy ever undertaken by Motor Truck Company, of Farming-

bility, mechanical dependability and operating economy ever undertaken by a truck subject to the check and final authoritative figures of the American Automobile Association, New York, the A.A. A. has just completed for the Maxwell Motor Company a series of the detail reports covering the test, the A. A. A. also has issued for the Maxwell Motor Company a certificate of stock car registration for the truck. This means that the car used answered in the Maxwell Motor Company a certificate of stock car registration for the truck. This means that the car used answered if the Maxwell Motor Company a certificate of registration given the test of the Maxwell factories. The certificate of registration for the motor truck. Delivery truck maker. The war has prought such a surprising country has a surprising the test of the Maxwell one-ton truck on a dealer's display floor anywhere.

The stock status of the demonstrating truck was certified to after the official technical examination. One of the Maxwell one-ton first truck was certified to after the official technical examination. One of the Maxwell one-ton first truck was certified to after the official technical examination. One of the Maxwell one-ton first truck was certified to after the official technical examination. One of the Maxwell one-ton first truck was certified to after the official technical examination. One of the Maxwell one-ton first truck was certified to after the official technical examination. One of the Maxwell one-ton first truck was certified to after the official technical examination. One of the Maxwell one-ton first truck was certified to after the official technical examination. One of the Maxwell one

were transported. None of the loads be prepared to care for this business, was what is known as an "easy" load. The A. A. A. reports cover the character of the loads in detail.

"Organizations will be formed on a

That any average driver could duplicate the performance with any stock Maxwell truck is perhaps the most complete substantiation any motor company has ever been given in the language of a final report from the country of thousands upon thousands of motor trucks will prove of invaluable assistance in demonstrations are going to be made right along. The traveling through the country of thousands upon thousands of motor trucks will prove of invaluable assistance in demonstrations are going to be made right along. The traveling through the country of thousands upon thousands of motor trucks will prove of invaluable assistance in demonstrations are going to be made right along. The traveling through the country of thousands upon thousands of motor trucks will prove of invaluable assistance in demonstrations are going to be made right along. The traveling through the country of thousands upon thousands of motor trucks will prove of invaluable assistance in demonstrations are going to be made right along. The traveling through the country of thousands upon thousands of motor trucks will prove of invaluable assistance in demonstrations are going to be made right along. The traveling through the country of thousands upon thousands upon thousands of motor trucks will prove of invaluable assistance in demonstrations are going to be made right along. The traveling through the country of thousands upon thousands upon

### Montague Mfg. Co. 8. W. Corner Tenth and Main Sta. STORE AND OFFICE FIXTURES.

## JORDAN



### **AUTOMOBILES NECESSARY** ADJUNCTS TO BUSINESS extravagance.

ADJUNCTS TO BUSINESS

Use Now Regarded as Economy Rather
Than Extravagance—Total 55,000,
000,000 Passenger Miles Annually.

Were all automobiles and motordriven vehicles ordered from the
streets and from the country roads for
a period of thirty days, what would
happen to the business interests of
America?

A prominent official of one of the
national associations recently placed
such a proposition before members of
the trade, who marveled and pondered,
and started from that time to study
the automobile situation as it really
is. Few of them had realized in the
rush of their business the real necessity of the passenger car and motor
truck to the business of the day, and
the question brought home to them
the fact that business throughout
America without motor cars would be

partment of business. Automobiles business are an economy and not

## SEE THE 1918 HUPMOBILE

TERMINAL MOTOR CO., Inc., Ninth and Cary Streets.



REO THE PIPTH 5-Passenger, \$1225.00. REO THE SIXTH Passenger, \$1550.00 F. O. B. Pactory.

FRANKLIN MOTOR CO., 2992. 2007 W. Brond St.

In Order to Introduce

THE HOWE TIRE WE WILL ALLOW YOU \$5.00 ON YOUR OLD TIRE

Regardless of What Condition, Size or Make.

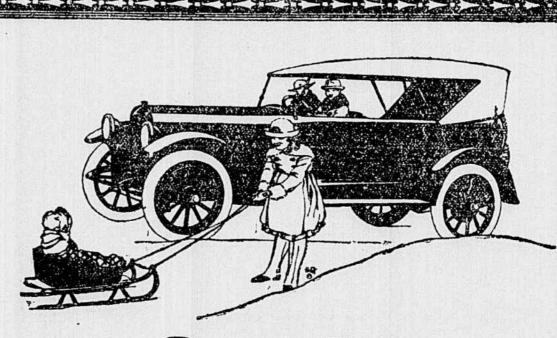
# THE HOWE TIRE

Is Guaranteed for 5000 Miles.

Territory Open for Live Dealers for Howe and National Tires and Tubes.



Sole Distributor in Virginia for Howe Tires and Tubes.



THE modest price of the Paige Linwood "Six-39" fails to measure I the real value offered in this popular five-passenger car.

Even five hundred dollars more could not buy you greater utility, because the Linwood provides everything a family could possibly require for daily motoring service.

Comfort, roominess, sturdiness, reliability and beauty - those are the five qualities that especially distinguish this car among the light sixes of popular price.

You will like the Linwood and become as enthusiastic over its merits as the thousands of owners now driving it. Ask for a demon-

Essex "Six-55" 7-passenger \$1775; Coupe "Six-55" 4-passenger \$2850; Town Car "Six-55" 7-passenger \$3230; Limousine "Six-55" 7-passenger \$3230; Sedan "Six-55" 7-passenger \$2850; Brooklands 4-passenger \$1795; Linwood "Six-39" 5-passenger \$1330; Glendale "Six-39" Chummy Roadster \$1330; Dartmoor "Six-39" 2 or 3-passenger \$1330; Sedan "Six-39" 5-passenger \$1925. All Prices f. o. b. Detroit.

PAIGE-DETROIT MOTOR CAR COMPANY, DETROIT, MICHIGAN

### D. A. PRENTISS

310-12 W. Broad St.,

Randolph 409.

Richmond, Va.

Good Territory Open for Live Dealers.